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1652

PATENT
ATTORNEY DOCKET NO.: CIT1510-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Cope et al.

Art Unit:

1652

Application No.:

10/047,253

Examiner

Y. Pac

Filed:

January 14, 2002

Confirmation No.:

6270

Title:

REGULATION OF TARGET PROTEIN ACTIVITY THROUGH
MODIFIER PROTEINS

MAIL STOP NON-FEE AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application please find:

1. Response to the Office Action mailed December 4, 2003 (13 pgs.);
2. Cope et al., "Role of Predicted Metalloprotease Motif of Jab1/Csn5 in Cleavage of Nedd8 from Cul1", *Science*, 298:608-611 (2002) (4 pgs.);
3. Maytal-Kivity et al., "MPN+, a putative catalytic motif found in a subset of MPN domain proteins from eukaryotes and prokaryotes, is critical for Rpn11 function", *BMC Biochemistry*, 3:28 (2002) (12 pgs.);
4. Verma et al., "Role of Rpn11 Metalloprotease in Deubiquitination and Degradation by the 26S Proteasome", *Science*, 298:611-615 (2002) (5 pgs.);
5. Lam et al., "Editing of ubiquitin conjugates by an isopeptidase in the 26S proteasome", *Nature*, 385(6618):737-740 (1997), Abstract (1 pg.); and
6. Return Receipt Postcard.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, March 4, 2004, in an envelope addressed to: MAIL STOP NON-FEE AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gregory P. Austin
(Name of Person Mailing Paper)

Gregory P. Austin
(Signature)

March 4, 2004
(Date)

In re Application of:
Cope et al.
Application No.: 10/047,253
Filed: January 14, 2002
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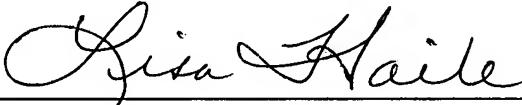
Applicants claim **SMALL ENTITY** status in the above-identified application. Pursuant to 37 C.F.R. § 1.27, a verified statement claiming small entity status is not required.

The Fee for this Response is calculated as follows:

| For | Claims Remaining After Amendment | Highest Number Previously Paid For | Extra Claims | Small Entity Rate | Large Entity Rate | Calculations |
|--------------------|----------------------------------|------------------------------------|--------------|-------------------|-------------------|--------------|
| Total Claims | 31 | 71 | 0 | x \$09 | x \$18 | \$0 |
| Independent Claims | 1 | 7 | 0 | x \$43 | x \$86 | \$0 |
| Multiple Claims | - | - | | \$145 | \$290 | \$0 |
| | | | | | TOTAL FEE | \$0 |

No fee is deemed necessary in connection with the filing of this paper. However, if a fee is required, the Commissioner is hereby authorized to charge any required fee associated with the filing submitted herewith, or credit any overpayments, to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



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MAIL STOP NON-FEE AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir:

Responsive to the Office Action mailed herein on December 4, 2003, please consider the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page two of this paper.

Remarks/Arguments begin on page seven of this paper.

| | |
|---|-------------------------|
| CERTIFICATION UNDER 37 CFR §1.8 | |
| I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, March 4, 2004, in an envelope addressed to: MAIL STOP NON-FEE AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | |
| <u>Gregory P. Austin</u> (Name of Person Mailing Paper) | |
| <u>Gregory P. Austin</u> (Signature) | March 4, 2004 (Date) |